TECHSPEC 12.0mm Dia. x 48.0mm FL, MgF_2 Coated, Plano-Convex Lens

Stock **#32-853** 3-5 DAYS

Other Coating Options

- 1 + **A$56.00**

ADD TO CART

Qty 1-9
A$56.00

Qty 10+
A$50.40

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CUSTOM OPTIONS

Diameter (mm):	12.00 +0.0/-0.025
Effective Focal Length EFL (mm):	48.00 @ 587.6nm

Back Focal Length BFL (mm):
46.36

Coating:
MgF_2 (400-700nm)

Coating Specification:
R_{avg} ≤1.75% @ 400 - 700nm

Substrate:
N-BK7

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Focal Length Tolerance (%):
±1

Centering (arcmin):
<1

Center Thickness CT (mm):
2.50 ±0.05

Edge Thickness ET (mm):
1.76

Radius R_1 (mm):
24.82

Clear Aperture CA (mm):
11

f/#:
4

Numerical Aperture NA:
0.13

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
400 - 700

Damage Threshold, By Design:
10 J/cm^2 @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Reach 219:
Compliant

Certificate of Conformance:
View